

Title (en)
CONTROL VALVE

Title (de)
REGELVENTIL

Title (fr)
SOUPAPE DE REGULATION

Publication
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Application
EP 15767503 A 20150924

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Abstract (en)
[origin: WO2016050609A1] The invention relates to a control valve (1) with a valve housing (13) through which a flow channel (14) runs with a flow cross-section that can be changed via a specified adjustment stroke by means of a closure unit consisting of a valve seat and a valve cone which can be adjusted relative to the valve seat. The control valve also comprises an adjusting device, which has a sliding unit (2) with a sliding rod (21) that adjusts the valve cone over an adjustment path and a drive device that acts on the sliding rod and is controlled by a controller. The controller has a measuring unit (4) which detects the adjustment path via a transmission unit. The aim of the invention is a low manufacture complexity using few parts when producing a plurality of such valves. This is achieved in that the transmission unit (3) is provided with an adapter unit (3), which has a replaceable structural unit, between the sliding unit (2) and the measuring unit (4), said adapter unit converting the adjustment stroke into a measurement stroke specified by the measuring unit in a manner corresponding to a transmission ratio specified by the adapter unit.

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